CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
STORM WATER MANAGEMENT DIVISION

EROSION CONTROL INSTRUCTIONS FOR COMMERCIAL BUILDING SITES

1. The owner of and all contractors working on commercial building construction sites are responsible for implementing an effective erosion control program in accordance with these instructions.

2. If the construction project, in its entirety, will disturb five acres of ground or more, the owner and/or contractor **must** apply for a federal/state NPDES Storm Water Discharge Permit by sending a Notice of Intent (NOI) to KDHE, in Topeka. The development of a Storm Water Pollution Plan (SWP3) is required. **This must be done before construction begins.**

3. Construction sites disturbing less than five acres of ground do not require a federal/state Storm Water Discharge Permit, or the preparation of a SWP3. However, the owner and contractors are required to utilize erosion control devices to reduce storm water pollution as indicated in these instructions. Owners and contractors are urged to prepare a SWP3 for review by the City **before construction commences**.

4. Prior to the beginning of construction, the owner and general site contractor must assess the site to determine the erosion control devices that must be used. If the site happens to be located in a new subdivision for which the developer has prepared a Storm Water Pollution Prevention Plan (SWP3), the owner and general contractor **must comply** with the developers SWP3 as well as these instructions.

5. **The owner and general contractor are responsible to ensure that all other contractors, sub-contractors, and material suppliers comply with all erosion control requirements at the site.**

6. **Erosion control devices must be installed on site before construction begins.**

7. Perimeter devices – examine the boundaries of the site to find locations where water from disturbed areas can flow from the site onto other adjacent properties, or ditches, lakes, or other water features. These are locations at which erosion control devices **must be installed** unless a minimum 20-foot grass buffer strip is maintained (undisturbed) to act as a filter. These locations will generally require haybale or silt fence barriers.

8. Stabilized Construction Entrances – these **are required** at all locations where construction vehicles or equipment will access the project site from existing city streets.

9. Storm Sewer Inlet Protection – If storm sewer work is included as a part of the project, inlet protection **must be installed** on all area and/or curb opening inlets on the project site **as soon as** the surrounding grades are such that storm water can drain into them. For drains located in sumps, inlet protection is **required at all times** regardless of the surrounding grade conditions.

10. Inlet protection for area drains will consist of silt fence, haybale, or gravel barriers. For curb opening inlets, gravel filters or acceptable tubing will be used, offset from the face of the inlet so as to not totally obstruct flow. Inlet protection devices should filter sediment from the flow, but not obstruct it.

11. Washout pits for concrete trucks **must** be provided, if applicable, on site. Pits shall be clearly marked and its location given to each driver. Pits must be cleaned up and backfilled at the end of construction.

12. Drainage Features – If a stream or pond is located on the site, erosion control devices **will be installed** along these features, as needed, to prevent sediment from entering the water feature.

13. Back of Curb Protection – If site construction results in the disturbance of ground within 20-feet of the curb on existing city streets, **back of curb protection is required**. This protection will consist of haybales, silt fence, curlex blanket, or other devices approved by the City that will effectively keep sediment from running over the curb and getting onto city streets or into storm drains. Back of curb protection will also be used along curbs within the interior of the site, as necessary, to keep sediment off of parking areas and the like that can ultimately drain onto city streets or into storm drains.

14. Any mud inadvertently tracked on any street **must be cleaned up at the end of each days work**.

15. All erosion control devices must be installed per manufacturers recommendations and city specifications. **BMP's must be dug into the ground to be effective**.

16. The owner and/or contractor **are required** to inspect all erosion control devices at least once each week and after every rainfall of ½-inch or more to ensure that they are working properly. A written report of each inspection is required. Properly installed devices will trap sediment and **must be cleaned out** before 60% of their capacity is used.

17. Failure to comply with these instructions will subject the owners and contractors to the various enforcement actions and/or penalties available to the City as prescribed in Section 16.32.100 of the City Code.